7177 Hybrid 2.0 Subscriber

**HYBRID**

*UL Approved*

- Features dual functionality
- Acts as a network bridge
- Extends network coverage

**Overview**

The new **AES 7177 Hybrid** 2.0 Subscriber includes the AES-IntelliPro full data module and IP Link capabilities.

Wi-Fi Internet comes standard! The Hybrid subscriber provides the capability to send an alarm from the Customer premises to the Central Monitoring Station (CMS) via RF and/or IP AND transmit peer signals via IP.

The Hybrid subscriber was developed in response to valuable dealer feedback. It is a cost effective solution designed to improve the health of an existing network, start a new network where there is no Radio Frequency (RF) coverage, and reduce local RF congestion due to geographical conditions.
Key Features

- Backlit LCD with automatic turnoff, Power and Trouble LEDs, and Menu/Silence button on chassis door
- Integrated Tamper Switch connected to one of the available dry contact zones
- External Wi-Fi antenna on chassis
- Antenna Supervision Module (ASM) with dedicated connector
- Integrated AES Certified FACP Adapter for flexible power options
- Integrated AES-IntelliPro full data module
- Integrated Local Annunciator on chassis
- Local upgradable software via USB, smartphone, tablet, or PC (legacy HandHeld Programmer no longer needed)
- Available in choice of 8 isolated dry contact zones or 4 isolated dry contact zones and 4 isolated reverse polarity zones; one zone is reserved for Tamper Switch

Key Benefits

- Automatically forwards peers RF traffic through the RF mesh when the Internet connection to the MNR is down
- Extends network coverage when installed on the edges of an existing mesh network
- Communicates to all types of Subscribers on the AES network
- Sends outbound messages initiated from IPCtrl just like a conventional subscriber

Models

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<th>Hybrid 2.0 Subscribers</th>
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<tr>
<td><strong>2.0 HYBRID</strong></td>
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<td>7177H-88-ULP</td>
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<td>7177H-44-ULP</td>
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*The 7177 Hybrid comes standard with integrated AES-IntelliPro full data module and Wi-Fi Internet, no need to order 7794A standalone or 77-WiFi adapter separately*
## Technical Specifications

### 7177 Hybrid

| **Dimensions** | **13”H x 8.5”W x 4.5”D**  
(33cmH x 21.5cmW x 11.4cmD) |
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<tr>
<td><strong>Weight</strong></td>
<td>5.8 lbs (2.6 kilograms) excluding battery, 13 lbs (5.9 kilograms) with 12 Ah battery</td>
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| **Radio Frequency** | Standard Frequency Range: 450-470 MHz  
Contact AES for other UHF and VHF frequencies |
| **Antenna**    | 2.5 dB tamper resistant antenna included, mounts on enclosure, and optional remote mounting antenna available |
| **Flexible Power** | 16.5VAC and battery  
24VDC and battery*  
24VDC only*  
*(requires FACPA for isolation) |
| **Backup Battery** | 12 Ah, UL recognized lead acid gel cell, size based on subscriber configuration |
| **Alarm Signal Inputs/ Zones** | 8 isolated dry contact zones or 4x4 option with 4 isolated dry contact zones and 4 isolated reverse polarity zones; 1 zone is reserved for Tamper Switch  
7794A AES-IntelliPro full data module included for Contact ID, and Pulse |
| **UL Listings** | UL 864 Standard for Control Units & Accessories for Fire Alarm Systems, Edition 10  
CAN/ULC S559 Equipment for Fire Signal Receiving Centres and Systems, Edition 2  
FCC-B emissions recognized |
| **Trouble Output—Ack Delay/Antenna Cut** | Form C relay, fail secure, rated 24V DC 1A resistive, unsupervised |
| **Current Consumption** | Standby = 0.4A  
Standby + Charging = 1A  
Transmitting = 1.4A |
| **Power Output** | 2 Watts, Factory set  
Contact AES for other options |
| **Reset Button** | Located on main circuit board |
| **Configuration Interface** | Web browser capable device accessible via smartphone, tablet, laptop, or PC |
| **UL + FCC Listed** | 230VAC, 450-470 MHz, 2 Watts, Factory set  
Contact AES for other options |
| **Finish Color** | Red |
| **Visual Indicators** | Front panel LCD (2 x 20 alphanumeric character backlit display with automatic turnoff), Buzzer, Power and Trouble LEDs (ALM, Trouble, Tx, Rx, WA), Menu/Silence button |
| **Antenna Supervision** | Antenna is connected to dedicated Antenna Supervision Module (ASM) for constant antenna supervision. |

*www.aes-corp.com*
For details or to learn more about our products and service offerings, please call your local AES Sales Representative at (800) 237-6387 or email sales@aes-corp.com.

About AES Corporation

AES Corporation is the leading manufacturer of code compliant wireless alarm communication products and solutions serving commercial security markets and government agencies worldwide. AES-IntelliNet® patented technology will never sunset compared to obsoleting technologies such as cellular and traditional phone lines. AES private mesh radio networks are owner operated and controlled, providing superior reliability with the fastest transmission speed available. Over a half million AES Subscribers are installed worldwide. AES is the clear choice for life safety and security, protecting people and property for over 40 years.